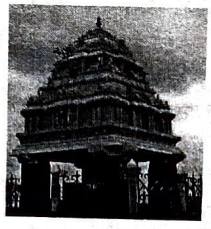

BRUHATH BANGALORE MAHANAGARA PALIKE

Dasarahalli Zone & Division

Dasarahalli Sub division

Name of Work: Providing chambers to Existing Borewell and consealing to road surface area in ward no.14 dasarahalli sub division

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬೆಂಗಳೂರು

ಕಾಮಗಾರಿ ವರದಿ:

ಕಾಮಗಾರಿಯ ಹೆಸರು: Providing chambers to Existing Borewell and consealing to road surface area in ward no.14 dasarahalli sub division

ಅಂದಾಜು ಮೊತ್ತ: 5.00ಲಕ್ಷ

ಕಾಮಗಾರಿ/JOB ಸಂಕೇತ: 014-19-000041 , P code-3290

ಅದರಂತೆ, ಪರಿಶೀಲಿಸಲಾಗಿ ಸದರಿ ರಸ್ತೆಗಳು ಬಾಗಲುಗುಂಟೆ ವಾರ್ಡ್ ನಂ: 14ರ ವ್ಯಾಪ್ತಿಗೆ ಒಳಪಟ್ಟಿದ್ದು ರಸ್ತೆಯಲ್ಲಿನ ಕೊಳವೆ ಬಾವಿಯ Non return valve & Coller with casing Pipe ರಸ್ತೆಯ ಮೆಲ್ಭಾಗದಲ್ಲಿ ಇದ್ದು ಇದರಿಂದ ಸಾರ್ವಜನಿಕರಿಗೆ ಮತ್ತು ವಾಹನಗಳಿಗೆ ಓಡಾಡಲು ತುಂಬಾ ತೊಂದರೆಯಾಗಿರುತ್ತದೆ.

ಅದರಂತೆ ಮೇಲಿನ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳುವುದು ಸಾರ್ವಜನಿಕರ ಹಿತದೃಷ್ಟಿಯಿಂದ ಅತಿಅವಶ್ಯಕವಾಗಿದ್ದು, 2018-19ನೇ ಸಾಲಿನ ಲೋಕಪಯೋಗಿ ಬಂದರು ಮತ್ತು ಒಳನಾಡು ಜಲಸಾರಿಗೆ ಇಲಾಖೆ,ಬೆಂಗಳೂರು ವೃತ್ತ ದರಪಟ್ಟಿಯಂತೆ ಅಂದಾಜನ್ನು ರೂ.5.00ಲಕ್ಷಗಳಿಗೆ ತಯಾರಿಸಲಾಗಿದೆ. ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಾಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಲು ಕೋರಿ ಮುಂದಿನ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಸಲ್ಲಿಸಿದೆ.

1. Earthwork excavation by manual means
2. Hire of welder for Cutting and welding of Borewell pipe for Lowering .
3. Supplying of ISI Mark 175 mm nominal bore, Plain end steel casing pipe.
4. Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings
5. Providing 175mm dia Bore Cap

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ:14

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ , ದಾಸರಹಳ್ಳಿ ಉಪವಿಭಾಗ

BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Dasarahalli Division

DETAILED ESTIMATE

Name of Work:Providing chambers to Existing Borewell and consealing to road surface area in ward no.14 dasarahalli sub division

Job Code: 014-19-000041 | **Estimate Amount : 500000.00**

Sl. No.	Description of Item	Unit / Rate	Nos	Dimensions L in m	B in m	D in m	Quantity	Rate in Rs.	Total Amount in Rs
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3								
	(Page No 143., I.No.19.1 of KPWD S.R 2018-19).								
		Cum							
	Rate Analysis								
	Basic Rate in Rs.			130.00					
	Lead calculation for 13.3km ((2x1.28x13.3)+57= 91.048)			91.05					
	Add 6% Area Weightage			7.80					
	Total Rate in Rs.			**228.85**					
	Chamber For Lowering Bore well Point								
			12	2.10	1.60	1.20	48.38		
							48.38	**228.85**	**11072.58**
2	Hire of welder for Cutting and welding of Borewell pipe for Lowering .								
	(Page No LXIII., I.No.140 KPWD S.R 2018-19).								
		Per Day							
	Basic Rate in Rs.			466.20					
			12	1			**12.00**	**466.20**	**5594.40**
3	Supplying of ISI Mark 175 mm nominal bore, Plain end steel casing pipe - grade of steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 medium black ERW casing pipe of 5mm thick black electic resistance continuous welded midle steel tube material confirming to IS 1387 / 1993 and manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end fixed with a socket and the other and with a plastic protection end (including of all taxes)								
	(Page No:III, INo:84 PRED SR 2012-13)								
	Casing pipe	**Rmtr**	12	3.00			**36.00**	**1325.00**	**47700.00**
4	KSRB13-3.6 : Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth-work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.								
	(Page No:92, INo:13.15 PWD SR 2018-19)								
	Basic rate	***388.00***							
	Area Wieght age @ 6%	***23.28***							
	Total Rate in Rs	***411.28***							
			12	3.00			36.00		
							36.00	**411.28**	**14806.08**
5	Providing 175mm dia Bore Cap CE (M)								
	(Page No:III, INo:85 PRED SR 2012-13)								
		No's	12				**12.00**	**100.00**	**1200.00**
6	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1,4.2								
	(Page No. 13, I.No. 4.7 of KPWD S.R 2018-19).).								
		Cum							
	Rate Analysis								
	Basic Rate in Rs			5309.00					
	Add 6% Area Weightage			318.54					
	Total Rate in Rs.			**5627.54**					
	Bed Concrete								
			12*1	2.10	1.60	0.125	5.04		
	For coping Concrete		12*2	2.10	0.20	0.10	1.01		

Sl. No.	Description of Item	Unit / Rate	Nos	Dimensions			Quantity	Rate in Rs.	Total Amount in Rs
				L in m	B in m	D in m			
			12*2	1.20	0.20	0.10	0.58		
							6.62	5627.54	37276.82
7	KSRB 5-11 : Providing and constructing load bearing wall with cement concrete cavities blocks (hollow blocks) of size 400x200x200 mm Grade B having a minimum face shell thickness of 30mm and web thickness of 25mm with block density between 1100 kg/m3 and 1500 kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4								
	(Page No. 26, I.No. 5.24.1 of KPWD S.R 2018-19).).								
		Cum							
	Rate Analysis								
	Basic Rate in Rs			916.00					
	Add 6% Area Weightage			54.96					
	Total Rate in Rs.			970.96					
			12*2	2.10		0.80	40.32		
			12*2	1.60		0.80	30.72		
							71.04	970.96	68977.00
8	KSRB15-3.7 : Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.No. 112, I.No. 15.15 of PWD SR 2015-16)								
	(Page No. 116, I.No. 15.15 of KPWD S.R 2018-19).).								
		Cum							
	Rate Analysis								
	Basic Rate in Rs			276.00					
	Add 6% Area Weightage			16.56					
	Total Rate in Rs.			292.56					
			12*2	2.10		0.80	40.32		
			12*2	1.60		0.80	30.72		
							71.04	292.56	20783.46
9	Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge								
	data Rate								
		sqm							
	Total Rate in Rs	5418.00							
		For Covering chamber							
			12	2.10	1.60		40.32		
							40.32	5418.00	218453.76
						Sub Total			425864.11
						Add 12% Towards GST Charges			51103.69
						Add 3% Tender Premium Charges			12775.92
						Miscellaneous Charges			10256.28
						Grand Total			500000.00

Certificate:-

1. That the workspot inspected by me and found work is necessary.
2. That the area comes with in the Bruhat Bangalore Mahanagara Palike Limits.
3. That the rates are adopted based on the PWD SR of 2018-19
4. That the provisions made in the estimate are necessary and quite essential.

Assistant Engineer
Ward No.14
BBMP Bangalore

Assistant Executive Engineer
Dasarahalli Sub-Division
BBMP Bangalore

Executive Engineer
Dasarahalli Division
BBMP Bangalore

ADMINISTRATIVELY SANCTIONED FOR
(Rupees five Lakhs only
Under the Head of Account P-3290
14th finance Commision works
Registered as no EE(D.D.)/AS/72/21-22 Subject to conditions contained in Enclosed Memo
No. EE/DD/AS/72/21-22 Dt: 18/1/22

JE/AE. Exe E (DASARAHALLI BBMP

Technically Sanctione for Rs 5,00000 Lakhs
Rs In words five Lakhs only
Under P-3290
Job Code No 14-19-000041
Registered as CE No/40/21-22 Subject to conditions contained in Enclosed Memo
No EE/DD/TS/40/21-22 Dt. 18/1/22

AE/JE Executive Engineer